

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	31	CQI same (threshold or condition or level) RNC	USPAT	AND	ON	2009/07/16 17:44
L4	5	CQI same threshold same RNC	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/16 17:45
L5	534	report\$4 with (RNC or BSC)	USPAT	AND	ON	2009/07/16 17:45
L6	0	5 4	USPAT	AND	ON	2009/07/16 17:45
L7	14	report\$4 with (RNC BSC)	USPAT	AND	ON	2009/07/16 17:46
S1	22	transmi\$5 data (basestation or base-station or "base station") ((radio adj network adj control\$3) or "RNC") ((error or fail\$4 or bad or faulty or low) near (transmi\$5 or reception or receiv\$3 or stream\$3) near (quality or good or optim\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:14
S2	973	455/452.2.xls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:16
S3	1	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:16
S4	290	"CRNC" "SPNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:18
S5	43	S4 and "455"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:18

S6	6	S4 and 455/452.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/06 09:21
S7	2	((ANDREAS) near2 (FREY)).INV.	USPAT	AND	ON	2008/06/06 09:38
S8	9	((JUERGEN) near2 (MAYER)).INV.	USPAT	AND	ON	2008/06/06 09:39
S9	1	((LARS) near2 (WEHMEIER)).INV.	USPAT	AND	ON	2008/06/06 09:39
S10	22	transmi\$5 data (basestation or base- station or "base station") ((radio adj network adj control\$3) or "RNC") ((error or fail\$4 or bad or faulty or low) near (transmi \$5 or reception or receiv\$3 or stream\$3) near (quality or good or optim\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 09:33
S14	4	("20020160781"   "6519461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 13:42
S16	1226	("CRNC" or "RNC" or controller) with (base \$1station or "SRNC")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:44
S17	681311	(signal near\$5 first near\$5 second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:45
S18	184	S16 S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:45
S19	233906	data near\$5 rate transmi \$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:46
S20	126	S18 S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:46

S21	89	S20 ("common channel" or (single near\$5 channel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:48
S22	89	S21 and (quality or (required near\$5 transmission))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:54
S23	21	S21 and (quality or (required near\$5 transmission)) and timer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:55
S24	9	S23 @py<= "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 14:55
S25	1455	455/452.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 15:02
S26	212	S25 timer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 15:02
S27	130	S26 quality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 15:02
S30	43	S27 @py<= "2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/12 15:05
S34	2	"20050239460"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 12:04
S36	1229	("CRNC" or "RNC" or controller) with (base \$1station or "SRNC")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 14:19

S37	157395	(common adj channel) or (shar\$4 near\$5 channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 14:19
S45	1301	transmission near\$5 rate (contract or agre\$6) switch \$4 "455".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 18:20
S46	1067	S45 agre\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 18:20
S47	113	S45 agre\$7 with subscriber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 18:21
S48	62	S45 agre\$7 with subscriber packet near\$5 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/16 18:23
S49	2	subsciber (contract or plan) agre\$5 (data near\$4 rate) (phone near\$5 service)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/17 09:05
S50	2	subsciber agre\$5 (data near\$4 rate) (phone near \$5 service) "455".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/17 09:08
S51	260	(*20010009849   *20010041567   *20010044293   *20020004380   *3453389   *3652795   *3654396   *3676597   *3692946   *3693156   *3697693   *3718764   *3731000   *3818455   *3838225   *3852571   *3892948   *3920908   *3938091   *4007339   *4086439   *4162377   *4191860   *4224472   *4243841   *4264956   *4277649   *4300041   *4310726   *4332985   *4351028   *4399330   *4400587   *4410765   *4439636   *4506116	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:09

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"4845740"	"4852149"
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"5164923"	"5185781"
"5185782"	"5192947"
"5216703"	"5220593"
"5222120"	"5222125"
"5233642"	"5243643"
"5268958"	"5272747"
"5274802"	"5276444"
"5276731"	"5282243"
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"5301234"	"5301246"
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"5408519"	"5409092"
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"6108537"	"6125275"
"6154648"	"6208851"
"6226364"	"6308067"
"6314171"	"6324394"
"6330443").PN.	

S52	54	data\$1casting (transmission near\$5 rate) data internet (cell\$phone or mobile or subscriber)	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:27
S53	10	S52 and "455".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:27
S54	22951	(transmission near\$5 rate) data internet (cell\$phone or mobile or subscriber)	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:29
S55	3725	S54 and "455".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:29
S56	672	S55 agre\$6	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:29
S57	415	S56 and check\$3	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:32
S58	7024	(check\$3 or test\$3) near\$5 ((transmi\$5 near\$5 rate) or "QoS" or "quality of service") "455".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:42
S59	1031	S58 agre\$6	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 09:42
S60	1017	S58 agre\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 09:43
S61	356	S60 transmission quality service subscriber	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 09:44
S62	198	S61 @py<= "2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 09:44
S64	979	455/452.2.xls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 11:39
S65	5	S64 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 11:39
S66	2657	370/329.xls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 13:28
S67	8	S66 S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 13:28
S68	145	provi\$5 with multiple with user\$1 with rate\$1 data transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 13:37
S70	1900	370/229.xls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 13:58
S72	171	370/229.xls. and ((common near\$2 channel) or "dedicated channel")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 14:17

S73	38	S72 agre\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 14:17
S74	252	"455".clas. agre\$6 "common channel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 14:19
S75	155	S74 @py<="2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 14:20
S76	11	"455".clas. agre\$6 "common channel" "SRNC" "CRNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/17 15:06
S77	8	("20020159410"   "4573206"   "6643272"   "6654922"   "6697347"   "6731623"   "6925561"   "7020126").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/06/17 15:26
S78	987	transm\$5 data (basestation or base- station or "base station") ((radio adj network adj control\$3) or "RNC") ((error or fail\$4 or bad or faulty or low) near\$5 (transm\$5 or reception or receiv\$3 or stream\$3) near \$5 (quality or good or optim\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:12
S79	63213	data near5 rate near5 transm\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:27
S80	723	transmission near5 rate (contract or agre\$6) switch \$4 "455".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:28
S84	427	S80 S79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:32
S86	275	S84 @py<="2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:33
S87	115	S86 threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:33

S88	37	S87 ((count\$3 or test\$4) number subscriber\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:35
S89	3	"quality of service"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:38
S90	12	S80 "CRNC" "SRNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 16:42
S91	588	measur\$4 (bad near4 transmission) or (low near4 quality ) subscriber "CRNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:08
S92	3	S80 S91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:14
S93	74	S80 "common channel"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:15
S94	6	S93 "CRNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:15
S95	6	S93 "CRNC" "SRNC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:16
S97	176	"CRNC" "SRNC" transmi\$6 quality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:17
S98	72	S97 "common channel"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:18

S99	70	S98 (subscriber\$1 or user \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/18 17:18
S103	4061	((packet near5 transmission)same rate) ((traffic or conges\$) near5 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:22
S104	1167	S103 (common or shar\$4) near4 channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:24
S105	228	S104 measur\$6 near5 (traffic or volume)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:24
S106	166	S105 (quality near4 (transmi\$6 or service))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:26
S107	162	S106 (cell\$1phone or mobile or radio or "UE" or station or wireless)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:30
S108	81	S107 @py<="2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:31
S110	2	"6574211".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/20 14:34
S113	5	(measur\$7 near3 quality near4 (shared near channel) ) with (subscriber or user or station or phone or mobile )	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2008/11/26 09:40
S114	4	"0201897"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 10:50
S115	10182	((QoI or (channel adj quality))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 16:56

S116	53	((BTS or nodeB) with report \$4 with RNC)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 16:57
S117	0	S116 same S115	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 16:57
S118	0	S115 same S116	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 16:57
S119	7	S116 S115	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 16:57
S120	1636	((channel or transmission) near quality) or QoS (measurement near2 report \$3)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:29
S121	352700	ident\$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal)))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:31
S122	671	S121 S120	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:31
S123	499	S122 ((quality or QoS) same (threshold or criter\$4 or condition or level or predetermined))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:33
S124	421	S122 ((quality or QoS) with (threshold or criter\$4 or condition or level or predetermined))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:33
S125	360	S122 ((quality or QoS) near5 (threshold or criter \$4 or condition or level or predetermined))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:33
S126	128	S125 RNC	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:33
S127	51	S126 @py<="2005"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:34
S128	7	S127 CQI	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 17:36
S129	6	(*2003/0031119).URPN.	USPAT	AND	ON	2009/07/09 18:02

S130	628	(user or UE or terminal or phone or cellular or mobile or subscriber) near3 (bad or low\$3 or unsatisfactory or mediocre ) near3 (quality or QoS)	USPAT	AND	ON	2009/07/09 18:23
S131	7	S130 CQI	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 18:23
S132	13	S130 (((measurement or measur\$) near3 (report\$4 or indicat\$4)) with (channel near (quality or QoS or condition)))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 18:34
S133	929	(user or UE or terminal or phone or cellular or mobile or subscriber) near3 (bad or deterior\$6 or low\$3 or unsatisfactory or mediocre ) near3 (quality or QoS)	USPAT	AND	ON	2009/07/09 19:50
S134	13	S133 (((measurement or measur\$) near3 (report\$4 or indicat\$4)) with (channel near (quality or QoS or condition)))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 19:53
S135	10	"1069790"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/09 20:14
S136	1636	((channel or transmission) near quality) or QoS) (measurement near2 report \$3)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:49
S137	352700	ident\$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal)))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:49
S138	671	S137 S136	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:49
S139	499	S138 ((quality or QoS) same (threshold or criter\$4 or condition or level or predetermined))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:49
S140	71	S139 RNC @py<="2005"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:49
S141	1485	RNC (((channel or transmission) near quality) or QoS) same (threshold or criter\$4 or condition or level or predetermined))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:57

S142	556	S141 ident\$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal)))	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:57
S143	193	S142 @py<= "2005"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/10 12:58
S144	2	"20090093243"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/15 17:02
S145	2	*"20030161343"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/07/15 17:54

7/16/2009 5:47:16 PM

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